



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



Sub: Algebra and Geometry

Class: 7

Date: 17.06.20

Duration: 40 min

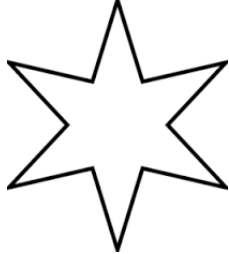
Worksheet Solutions 34

Full Marks: 15

SYMMETRY

Choose the Correct options:

1. How many lines of symmetry does this shape have?



- (a) 1
- (b) 2
- (c) 4
- (d) 6**

2. How many lines of symmetry does this shape have



- (a) 1**
- (b) 2
- (c) 3
- (d) 4

3. How many lines of symmetry does this shape have?



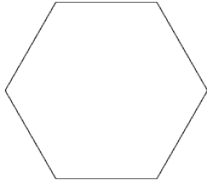
- (a) 1**
- (b) 2
- (c) 3
- (d) 4

4. How many lines of symmetry does this shape have?



- (a) 0
- (b) 1**
- (c) 2
- (d) 4

5. How many lines of symmetry does this shape have?



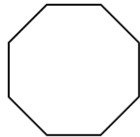
- (a) 2
- (b) 4
- (c) 6**
- (d) 8

6. How many lines of symmetry does this shape have?



- (a) 0
- (b) 1**
- (c) 2
- (d) 4

7. How many lines of symmetry does this shape have?



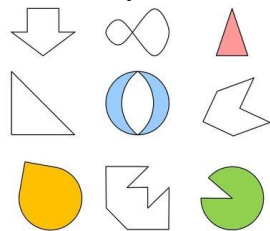
- (a) 2
- (b) 4
- (c) 6
- (d) 8**

8. How many lines of symmetry does this shape have?



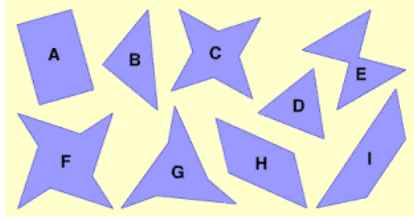
- (a) 1
- (b) 2
- (c) 4**
- (d) 8

9. How many of these shapes have EXACTLY ONE line of symmetry?



- (a) 0
- (b) 3
- (c) 6
- (d) 9**

10. How many shapes have MORE THAN ONE line of symmetry?



(a) **6**

(b) 3

(c) 4

(d) 2

11. How many lines of symmetry does an equilateral triangle have?

(a) **3**

(b) 6

(c) 9

(d) 12

12. Which of the following letters does not have a line symmetry, but has a rotational symmetry:

(a) H

(b) I

(c) **Z**

(d) X

13. A quadrilateral having rotational symmetry, but no line symmetry is _____

(a) Square

(b) Rectangle

(c) **Parallelogram**

(d) Rhombus

14. The order of rotational symmetry of a circle is _____

(a) 1

(b) 4

(c) 2

(d) **Infinite**

15. The letter Z of the English alphabet has _____

(a) **No line of symmetry**

(b) One line of symmetry

(c) Two lines of symmetry

(d) Three lines of symmetry